

FIG.1

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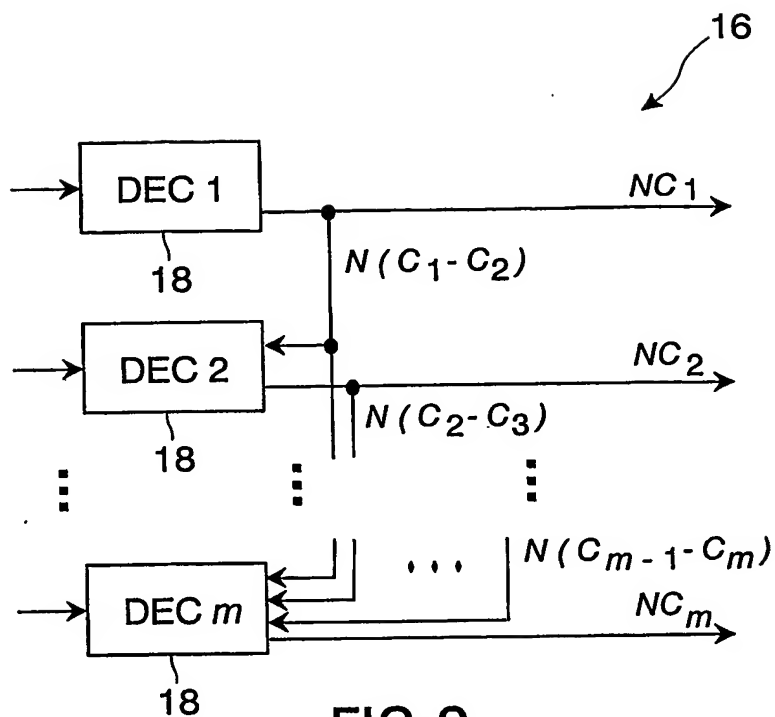


FIG. 2

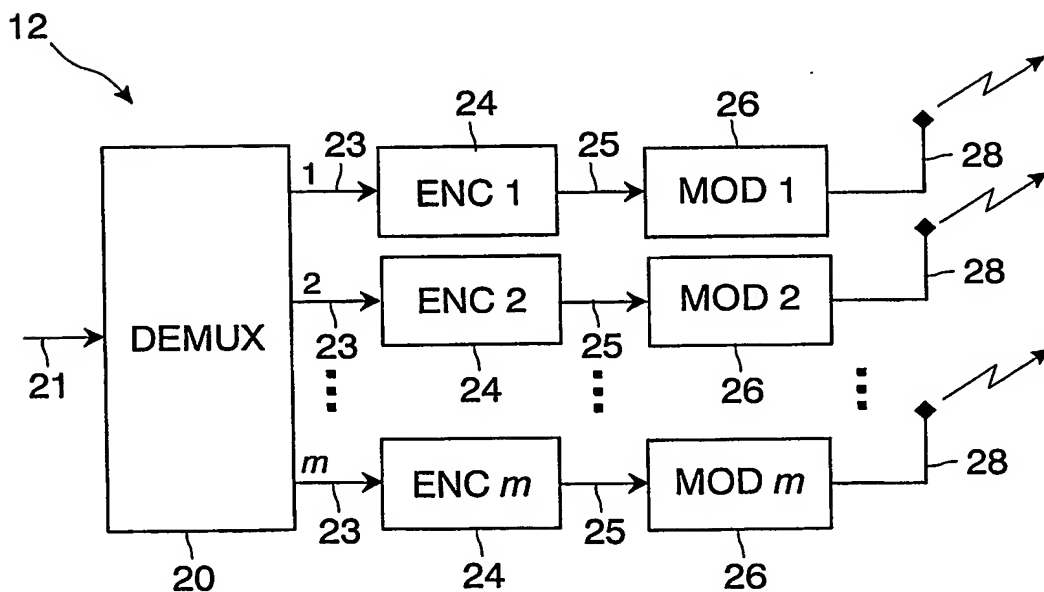


FIG. 5

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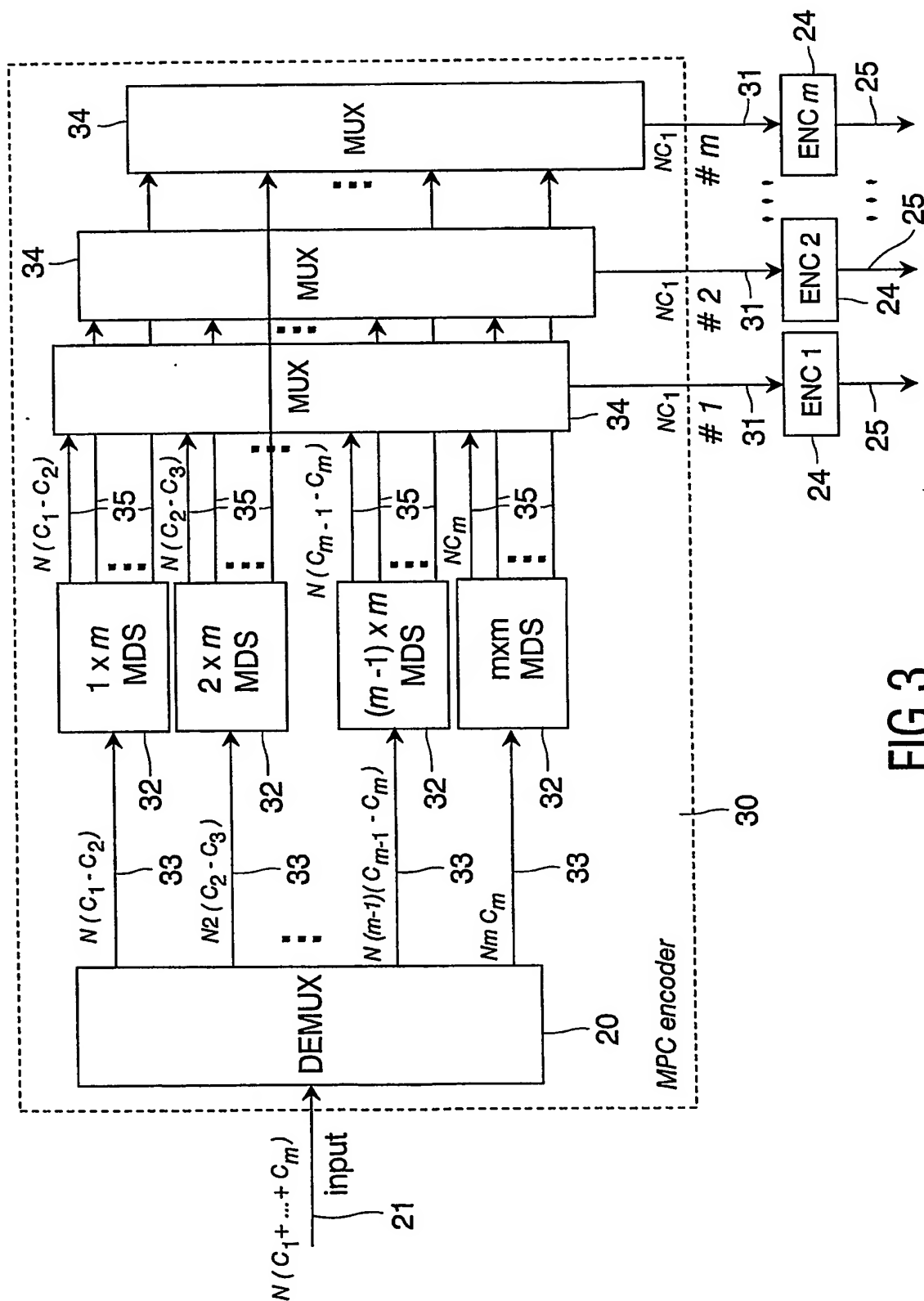


FIG.3

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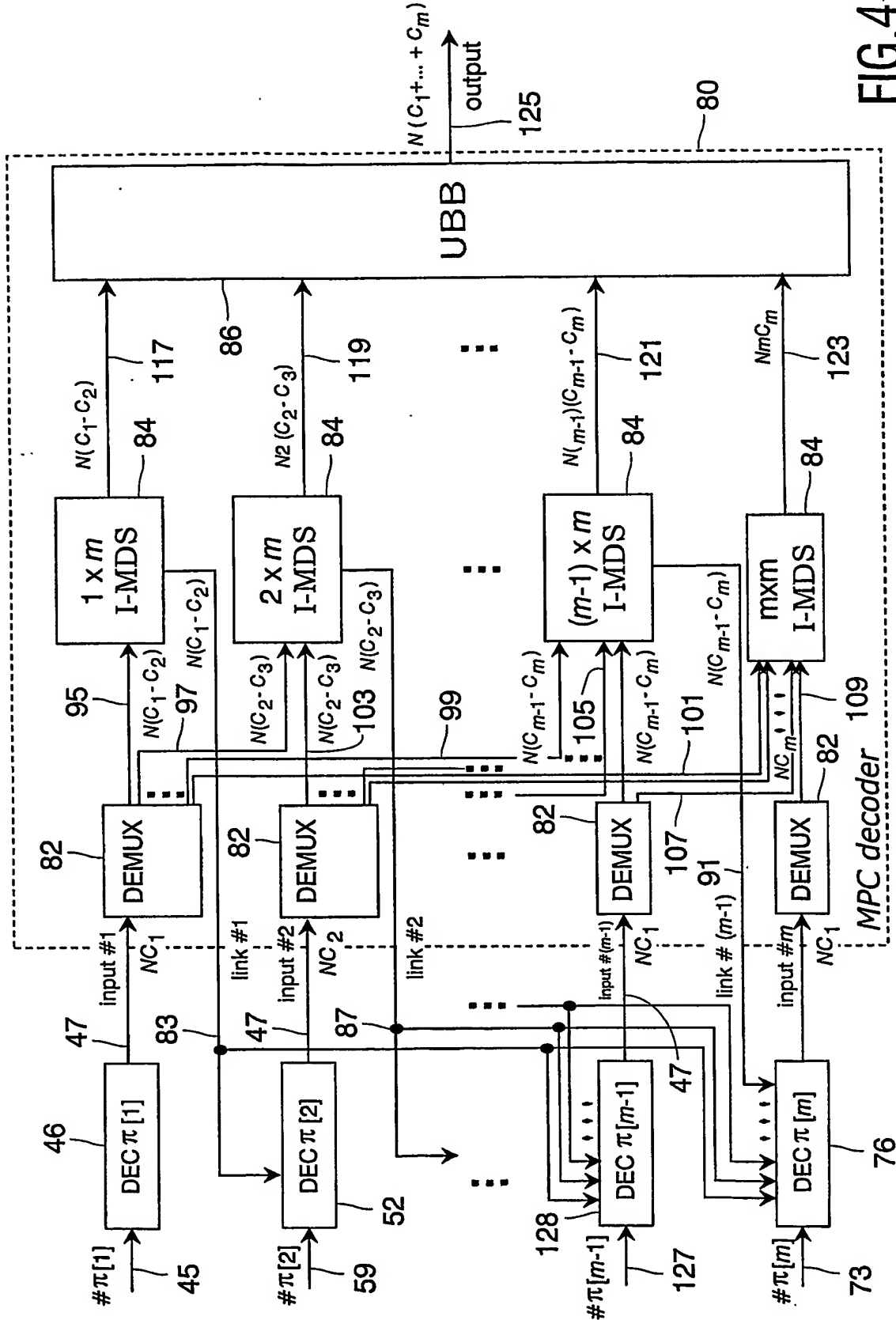


FIG. 4

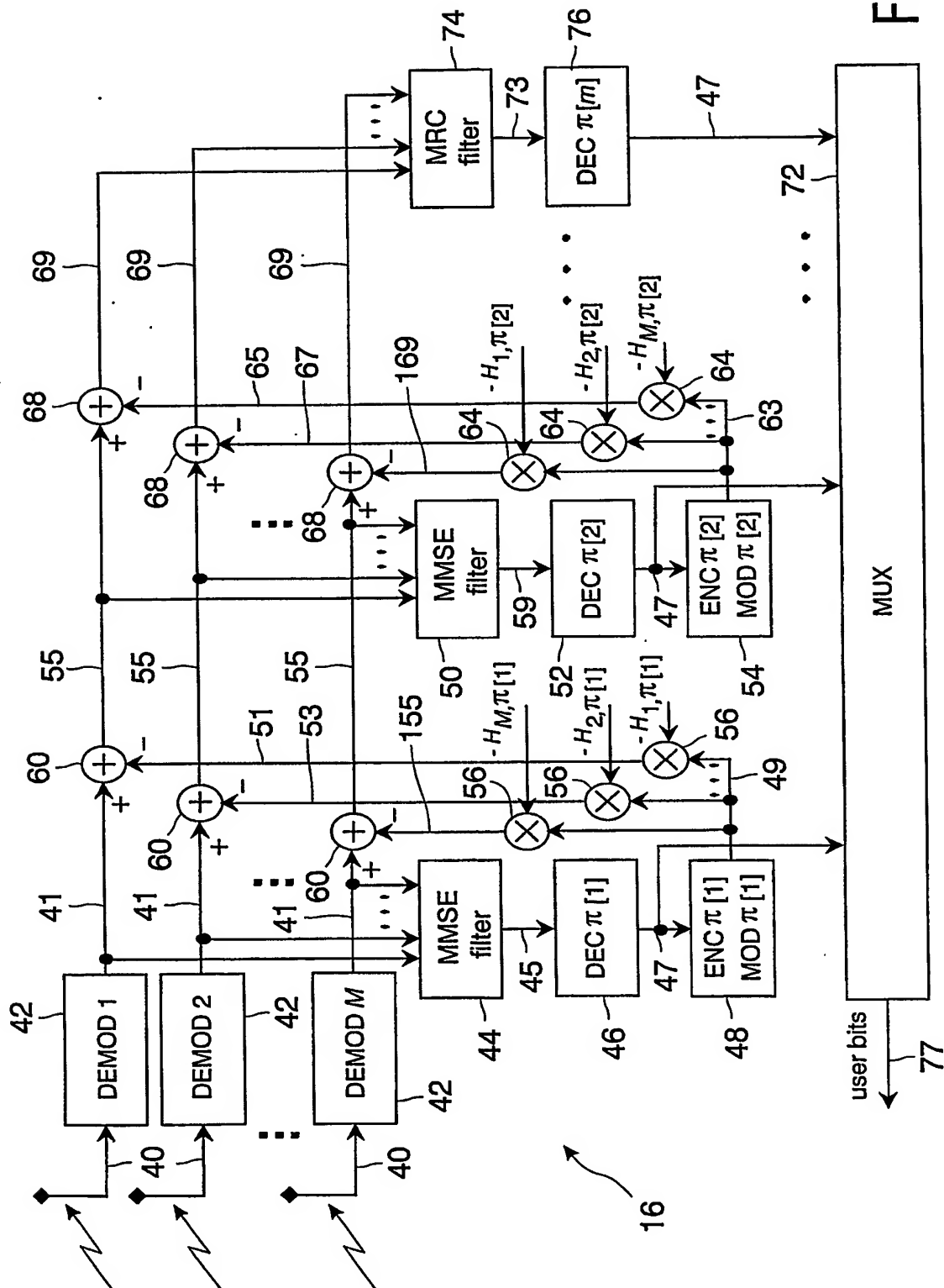


FIG. 6

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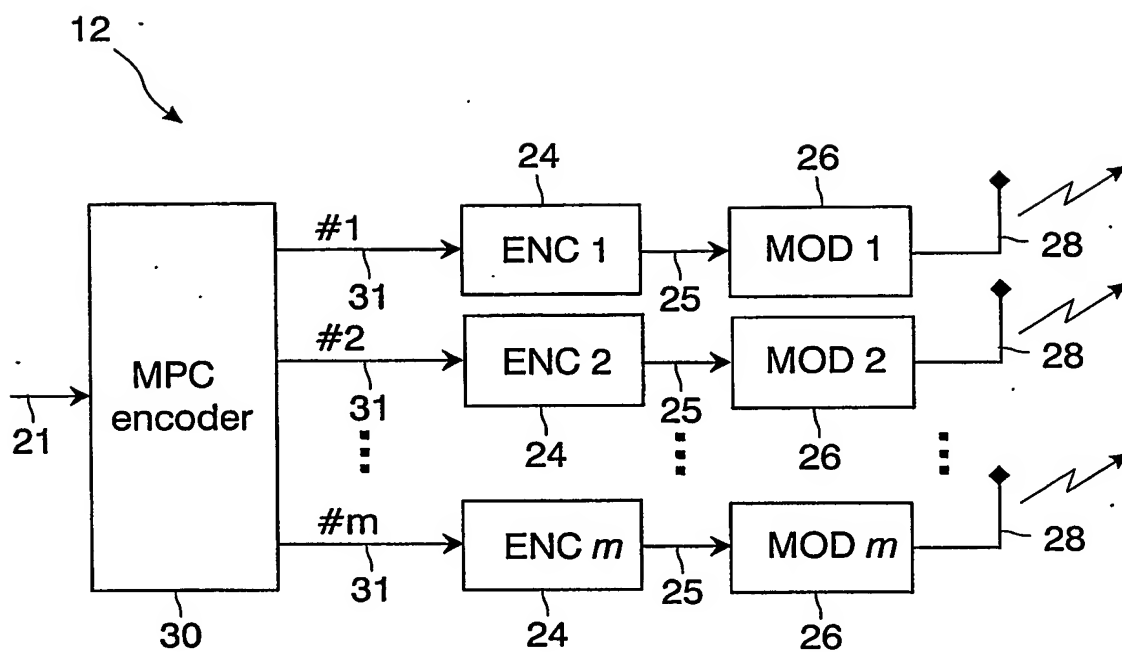


FIG.7

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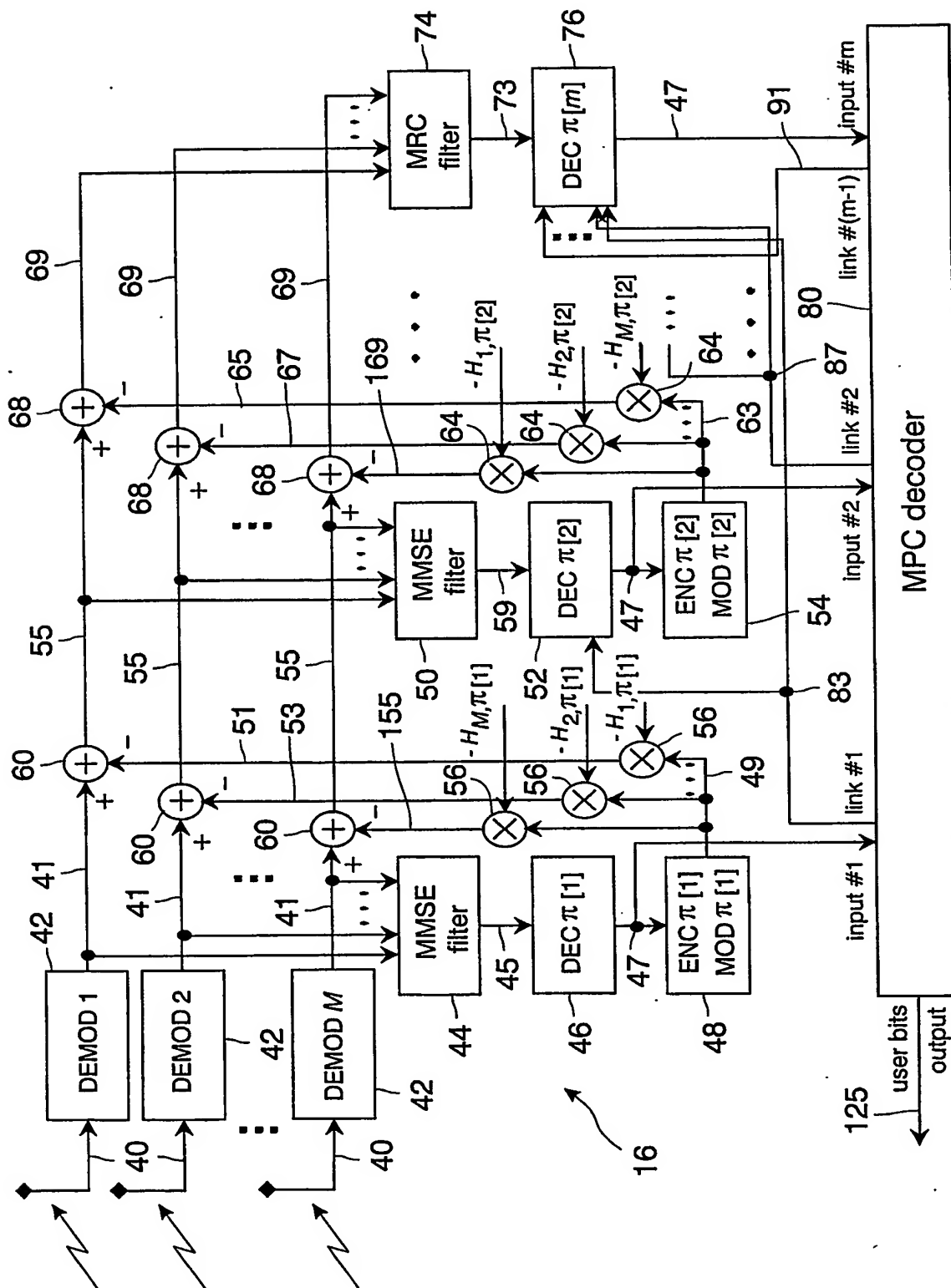


FIG. 8

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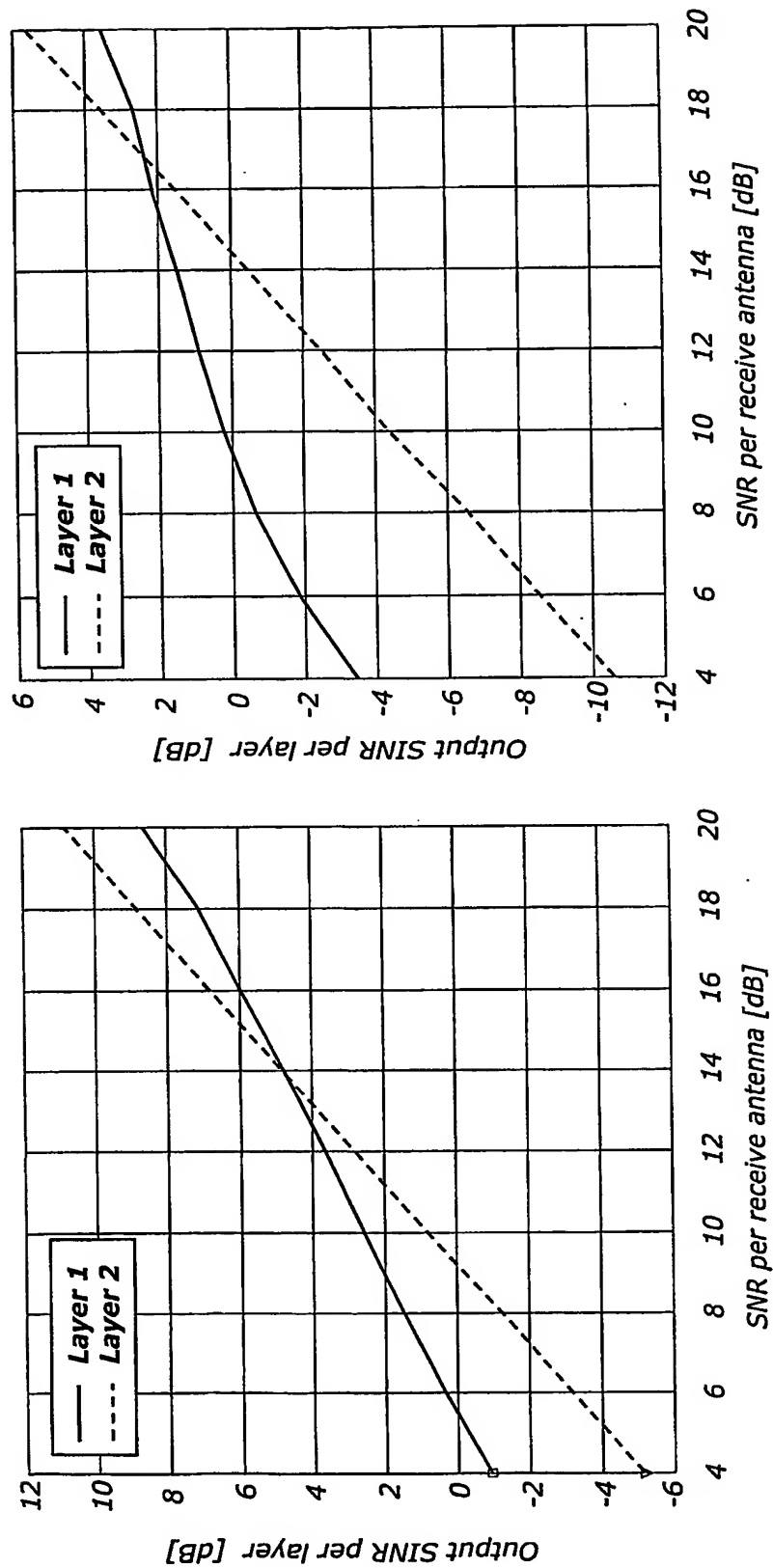


FIG. 9



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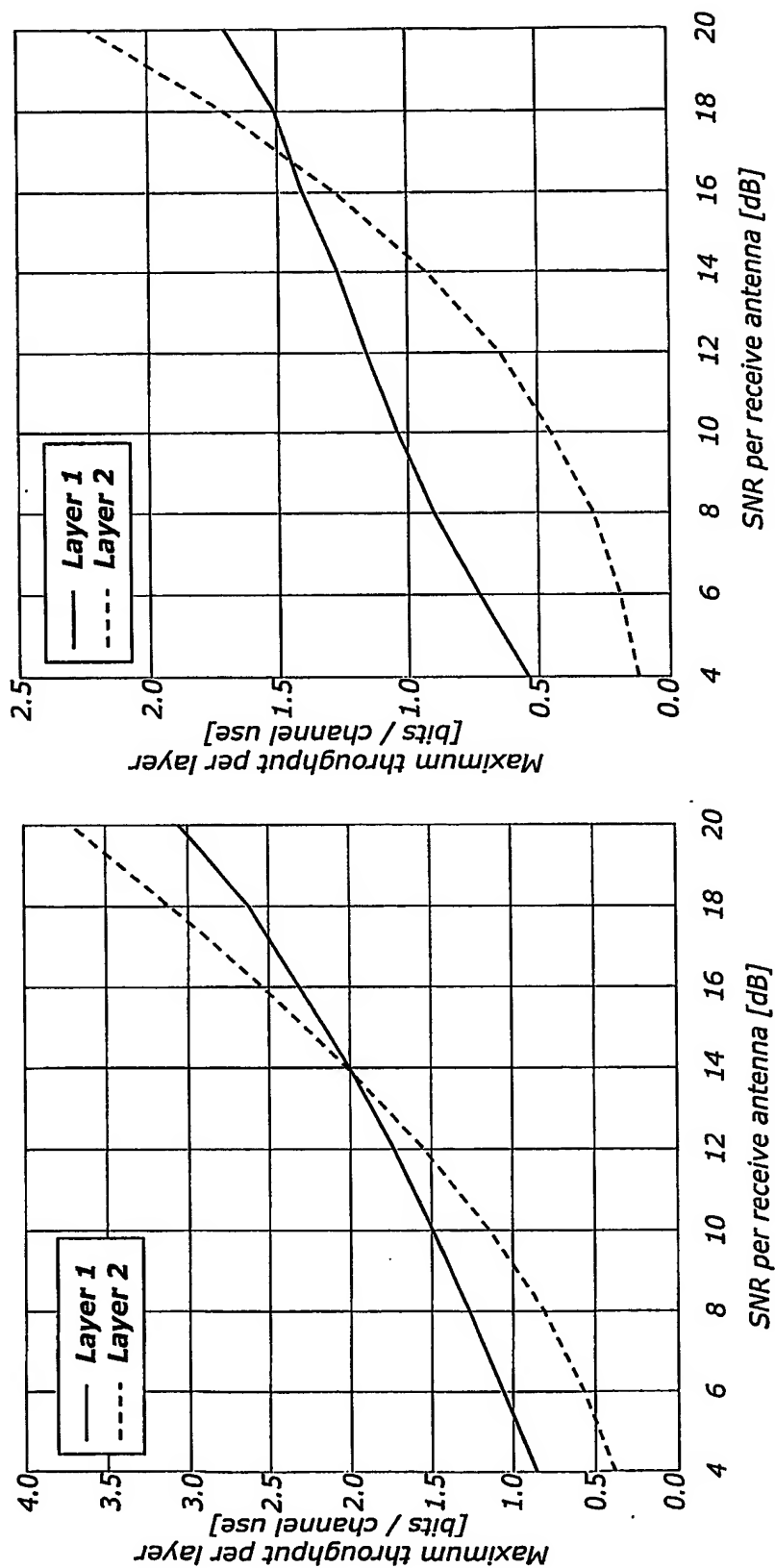


FIG.10

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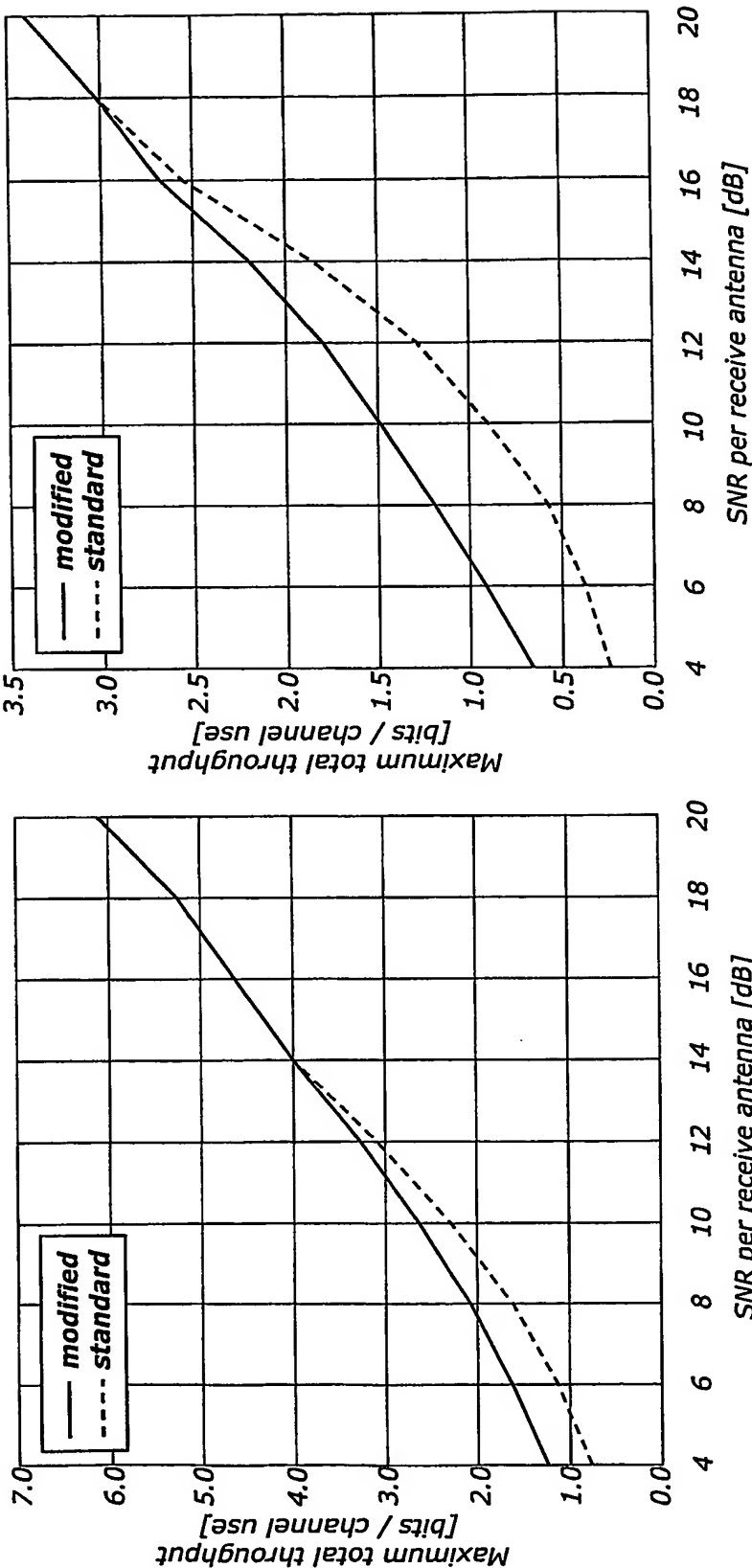


FIG.11

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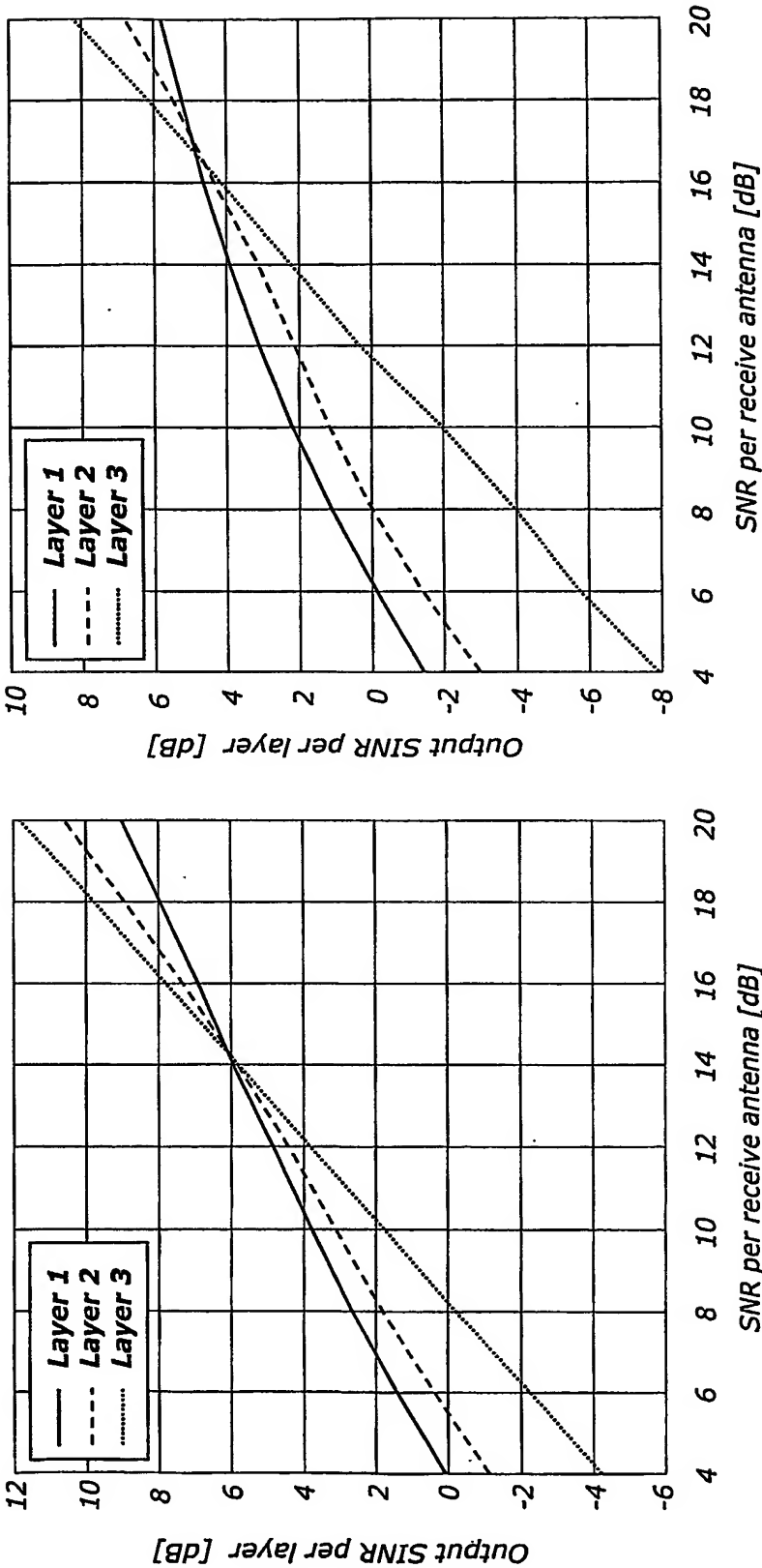


FIG.12

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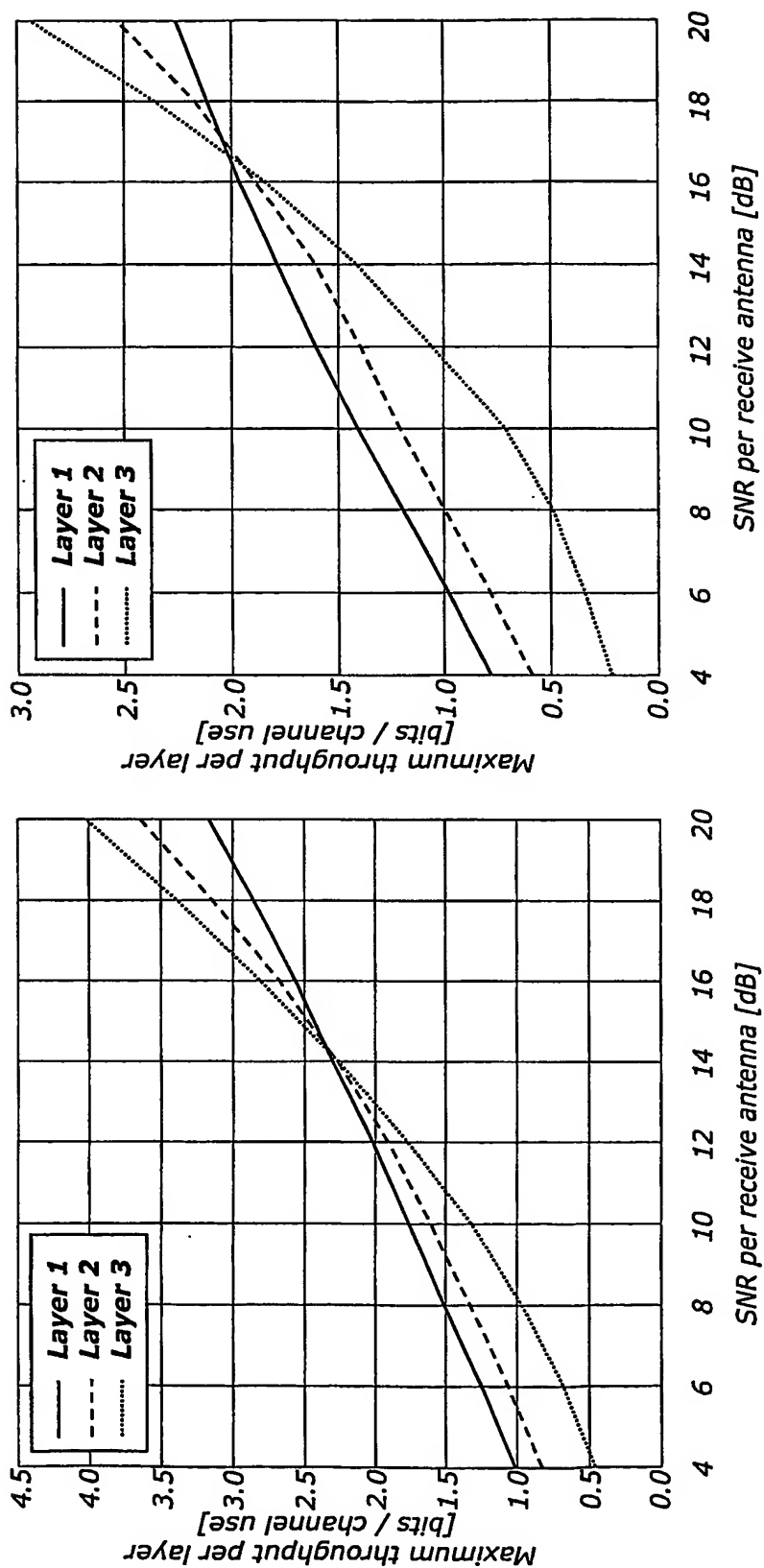


FIG. 13

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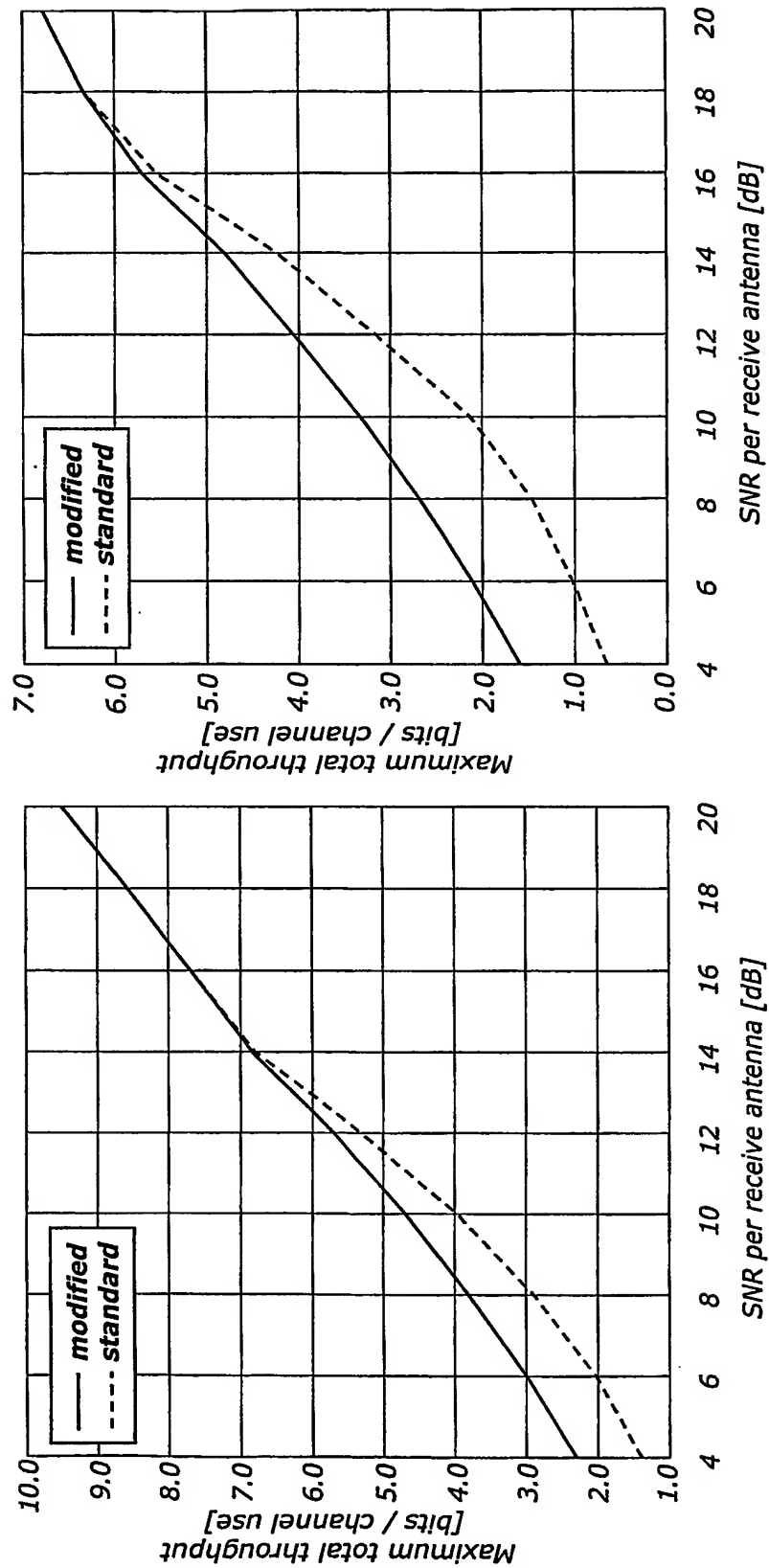


FIG.14

$\pi[1]$	$\pi[2]$	$c_{\pi}[1]$	$c_{\pi}[2]$	$b_1$	$b_2$	$c_{\pi}[3]$
1	2	0	0	0	0	0
		0	1	0	1	1
		1	0	1	0	1
		1	1	1	1	0
1	3	0	0	0	0	0
		0	1	0	1	1
		1	0	1	1	1
		1	1	1	0	0
2	3	0	0	0	0	0
		0	1	1	0	1
		1	0	1	1	1
		1	1	0	1	0

FIG.15

$\pi[1]$	$\pi[2]$	$c_{\pi}[1]$	$c_{\pi}[2]$	$b_1$	$b_2$	$c_{\pi}[3]$
2	1	0	0	0	0	0
		0	1	1	0	1
		1	0	0	1	1
		1	1	1	1	0
3	1	0	0	0	0	0
		0	1	1	1	1
		1	0	0	1	1
		1	1	1	0	0
3	2	0	0	0	0	0
		0	1	1	1	1
		1	0	1	0	1
		1	1	1	0	0

FIG.16

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$\{\pi[1], \pi[2]\}$	$I_1$	$I_2$	$O_{\pi[3]}$
$\{1, 2\}$	$O_1$	$O_2$	$\ln \left[ \frac{p_1 p_2 + (1-p_1)(1-p_2)}{p_1(1-p_2) + (1-p_1)p_2} \right]$ $p_1 = (1 + e^{-O_1})^{-1}$ $p_2 = (1 + e^{-O_2})^{-1}$
$\{1, 3\}$	$O_1$	$\ln \left[ \frac{p_1 p_3 + (1-p_1)(1-p_3)}{p_1(1-p_3) + (1-p_1)p_3} \right]$ $p_1 = (1 + e^{-O_1})^{-1}$ $p_3 = (1 + e^{-O_3})^{-1}$	$I_2$
$\{2, 3\}$	$\ln \left[ \frac{p_2 p_3 + (1-p_2)(1-p_3)}{p_2(1-p_3) + (1-p_2)p_3} \right]$ $p_2 = (1 + e^{-O_2})^{-1}$ $p_3 = (1 + e^{-O_3})^{-1}$	$O_2$	$I_1$

FIG.17



$\{\pi[1], \pi[2]\}$	$I_1$	$I_2$	$O_{\pi[3]}$
$\{1, 2\}$	$O_1$	$O_2$	$(-1)^{(\text{sgn}(O_1) + \text{sgn}(O_2))} \cdot \min( O_1 ,  O_2 )$
$\{1, 3\}$	$O_1$	$(-1)^{(\text{sgn}(O_1) + \text{sgn}(O_3))} \cdot \min( O_1 ,  O_3 )$	$I_2$
$\{2, 3\}$	$(-1)^{(\text{sgn}(O_2) + \text{sgn}(O_3))} \cdot \min( O_2 ,  O_3 )$	$O_2$	$I_1$

$\text{Sgn}(x) \triangleq \{0 : x \geq 0; 1 : x < 0\}$

FIG.18